

WHAT IS CLAIMED IS:

1. A method for building an overhead infrastructure comprising a step of drawing a tensile line between utility poles, a step of putting around the tensile line a plastically deformable coil having a metal wire formed in a spiral shape and synthetic resin coated on a surface of the metal wire, a step of elongating the coil until its plastic deformation so as to form a basic construction with a series of overhead cableway capable of holding a plurality of overhead lines inside the spiral of the coil, and a step of extending an overhead line in an empty space of the overhead cableway on demand.

2. The method for building the overhead infrastructure according to claim 1, wherein a plurality of overhead lines, respectively managed by each of a plurality of business conductors, are accommodated in the overhead cableway.

3. The method for building the overhead infrastructure according to claim 1, wherein a plurality of overhead lines, respectively managed by each of a plurality of business conductors, are accommodated in the overhead cableway, and an administrator provides the business conductors with rights for using the overhead cableway for rent or for sale with a fee according to a number and weight of the overhead lines managed by each of the business conductors.

4. The method for building the overhead infrastructure according to any one of claims 1 to 3, wherein for the installation of the basic construction, tensile strength of the tensile line is set based on the maximum load estimated from an amount of the overhead lines possibly

↑ tensile line has to have proper tensile strength to pull poles & lines.

inserted in the overhead cableway.

5. The method for building the overhead infrastructure according to any one of claims 1 to 3, wherein for the installation of the basic construction, a size of the overhead cableway is set based on an estimated demand for the overhead lines.

6. The method for building the overhead infrastructure according to any one of claims 1 to 3, wherein distribution of the overhead lines is carried out through gaps of the coil between the utility poles.

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